

Melinda Barkhuizen

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

199
citations

1307594

7
h-index

1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

414
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Advances in GBA-associated Parkinson's disease – Pathology, presentation and therapies. <i>Neurochemistry International</i> , 2016, 93, 6-25. | 3.8 | 46 |
| 2 | 25 years of research on global asphyxia in the immature rat brain. <i>Neuroscience and Biobehavioral Reviews</i> , 2017, 75, 166-182. | 6.1 | 38 |
| 3 | Using global team science to identify genetic parkinson's disease worldwide. <i>Annals of Neurology</i> , 2019, 86, 153-157. | 5.3 | 26 |
| 4 | Clinical Implications of Epigenetic Dysregulation in Perinatal Hypoxic-Ischemic Brain Damage. <i>Frontiers in Neurology</i> , 2020, 11, 483. | 2.4 | 23 |
| 5 | A molecular analysis of the <i>GBA</i> gene in Caucasian South Africans with Parkinson's disease. <i>Molecular Genetics & Genomic Medicine</i> , 2017, 5, 147-156. | 1.2 | 22 |
| 6 | Antenatal and Perioperative Mechanisms of Global Neurological Injury in Congenital Heart Disease. <i>Pediatric Cardiology</i> , 2021, 42, 1-18. | 1.3 | 18 |
| 7 | Nitric Oxide Production in the Striatum and Cerebellum of a Rat Model of Preterm Global Perinatal Asphyxia. <i>Neurotoxicity Research</i> , 2017, 31, 400-409. | 2.7 | 8 |
| 8 | Systemic multipotent adult progenitor cells improve long-term neurodevelopmental outcomes after preterm hypoxic-ischemic encephalopathy. <i>Behavioural Brain Research</i> , 2019, 362, 77-81. | 2.2 | 5 |
| 9 | Serial blood cytokine and chemokine mRNA and microRNA over 48h are insult specific in a piglet model of inflammation-sensitized hypoxia-ischaemia. <i>Pediatric Research</i> , 2021, 89, 464-475. | 2.3 | 4 |
| 10 | The Inhibition of Monoamine Oxidase by Phenformin and Pentamidine. <i>Drug Research</i> , 2014, 64, 454-461. | 1.7 | 2 |
| 11 | Perinatal insults and neurodevelopmental disorders may impact Huntington's disease age of diagnosis. <i>Parkinsonism and Related Disorders</i> , 2018, 55, 55-60. | 2.2 | 2 |
| 12 | Causal biological network models for reactive astrogliosis: a systems approach to neuroinflammation. <i>Scientific Reports</i> , 2022, 12, 4205. | 3.3 | 2 |
| 13 | Benign GBA variants may alter gene splicing in South African Parkinson's disease cases. <i>Parkinsonism and Related Disorders</i> , 2016, 22, e172. | 2.2 | 1 |
| 14 | The influence of anesthetics on substantia nigra tyrosine hydroxylase expression and tau phosphorylation in the hypoxic-ischemic near-term lamb. <i>Pediatric Research</i> , 2018, 83, 1190-1199. | 2.3 | 1 |
| 15 | Preterm Perinatal Hypoxia-Ischemia Does not Affect Somatosensory Evoked Potentials in Adult Rats. <i>Diagnostics</i> , 2019, 9, 123. | 2.6 | 1 |
| 16 | Identifying neuroinflammation in omics datasets with a computational biological network model of reactive astrogliosis. <i>Alzheimer's and Dementia</i> , 2021, 17, e051001. | 0.8 | 0 |